

IN THE SPECIFICATION:

Please amend the specification as follows:

Page 2, please delete the entire sentence under CROSS REFERENCE TO RELATED APPLICATIONS:, and insert the following in lieu thereof:

--U.S. application SN 08/477,168 is a divisional application of copending application SN 08/371,914, filed on January 12, 1995 (now U.S. Patent No. 5,807,977), which is a continuation-in-part application of SN 08/206,618, filed March 3, 1994 (now abandoned), which is a continuation application of SN 08/080,614, filed June 21, 1993 (now abandoned), which is a continuation-in-part application of SN 07/911,461, filed July 10, 1992 (now abandoned).--

Page 7, line 30, please delete "perfluoroalkyl oxetane monomers" and insert --oxetane monomers having perfluoro-terminated alkyl group side chains --.

line 31, please delete "perfluoroalkyl glycols" and insert -- glycols having perfluoro-terminated alkyl group side chains --.

line 35, please delete "fluorinated alkoxyethylene" and insert -- perfluoro-terminated alkoxyethylene --.

Page 8, line 3, please delete "perfluoroalkyloxymethylene" and insert -- perfluoro-terminated alkyloxymethylene --.

line 4, please delete "perfluoroalkyl" and insert -- perfluoro-terminated alkyl --.

line 6, please delete "perfluoroalkyl" and insert -- perfluoro-terminated alkyl --.

line 22, please delete "as compared to" and insert -- to the same extent as --.

lines 23-25, please delete ", is a direct result of the increase in free energy associated with the remaining chloromethyl group on Falk's mono-substituted glycol" and insert -- is premised on a lower free surface energy for the bis-substituted compounds as compared to Falk's mono-substituted compounds (Falk, U.S. 5,097,048, column 1, lines 43-50). However, they ignore the fact that the residual chloromethyl group may serve

94 Central

to increase the free surface energy of the Falk mono-substituted compound more so than the fact it is only mono-substituted in a Rf function --.

NE Page 8, line 31, please delete "perfluoroalkyl" and insert -- perfluoroalkyl --.

line 34, please delete "(US 5,097,048)" and insert -- (US 5,045,624 --.

Page 9, line 21, please delete "bis-perfluoroalkoxymethylene" and insert -- bis-perfluoro-terminated alkoxymethylene --.

line 26, please delete "5,097,048" and insert --5,045,624; please delete "fluorinated" and insert -- perfluoro-terminated --.

line 29, please delete "perfluoroalkylthio" and insert -- perfluoro-terminated alkylthio --.

line 31, please delete "perfluoroalkoxy" and insert -- perfluoro-terminated alkoxy --.

Page 10, line 3, please delete "molecular weight."

Page 18, line 31, after "impart," please insert -- high levels --.

line 33, please delete "but did not recognize that" and insert -- however, --.

line 34, after "two," please insert -- identical perfluoro-terminated --.

as line 35, after "materials," please insert --, a morphology which makes further processing difficult --.

Page 22, line 8, please delete "a 1,4-elimination with"; after "olefin" insert --, 3-bromo-2-methylprop-1-ene, --.

line 14, please delete "acetonitrile," and "DMF,".

Page 27, lines 32-35, please delete the following two sentences: "An example of the latter is the p-toluene sulfonate derivative of 3-hydroxymethyl-3-methyloxetane. A high yield of oxetanes having pendant alkoxymethylene groups with terminal perfluorinated alkyl groups is obtained."

Page 35, line 20, please delete "below:" and insert -- in Figure 2. --.
lines 21-34, please delete the figure.

Page 35, line 35, please delete "See Fig. 2.".

Page 40, line 21, after "segments," please insert -- it has thus far been
determined that when the FOX/THF copolymer contains up to about 65% THF, --.

line 22, after "observed," please insert --in polyurethane
elastomers --; please delete "polymers" and insert --elastomers --.

Page 45, line 3, please delete "1.5 and 2.1" and insert -- 1.1 and 2.5 --.

Page 48, line 20, please delete the phrase "an alkyl or aryl functional
group" and insert -- a divalent hydrocarbyl radical --.

Page 49, line 3, please delete "(hydrophobicity)".

NE Page 51, line 51, please delete "Polydimethylsilanes" and insert
-- Polymethylsiloxanes --.

Page 52, line 4, please delete "Isonol 93," and insert -- Isonol[®] 93, a
polyether polyol which is commercially available from DOW Chemical Co., --;

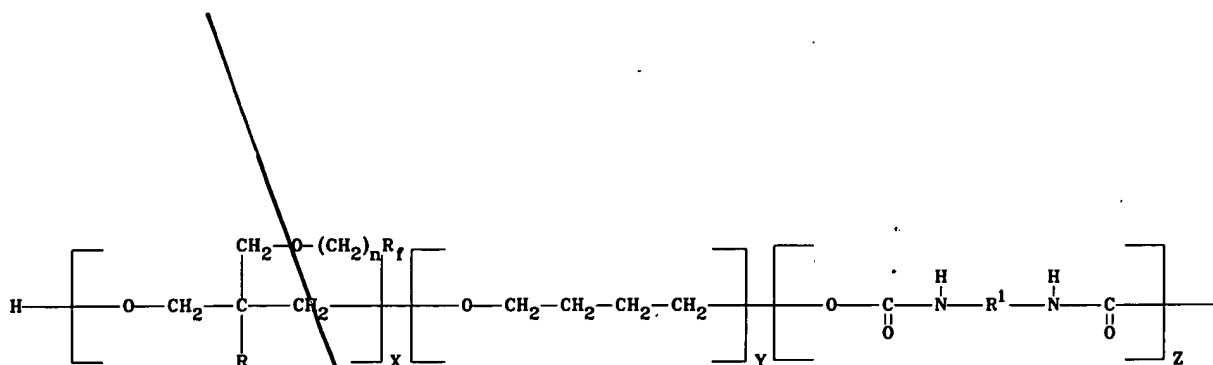
line 7, please delete "Isonol 93," and insert -- Isonol[®] 93, a
polyether polyol which is commercially available from DOW Chemical Co., --;

line 28, after "polymeric MDI" please delete " (Isonates)," and
insert -- , which are available from Dow Chemical Co. under the trademark ISONATE, a line
of low-functionality isocyanates, --;

line 29, after "polymeric HDI" please delete " (N-100 and N-
3200)," and insert -- , which are available from Mobay Corporation, a Bayer Company, under
the trademarks DESMODUR N-100, a solvent-free, aliphatic polyisocyanate resin based on
hexamethylene diisocyanate, and DESMODUR N-3200, an aliphatic polyisocyanate resin
based on hexamethylene diisocyanate, --.

Page 56, line 11, please insert the following new paragraph:

--The fluorinated thermoset polyurethane elastomers prepared from the
FOX/THF co-prepolymers of the present invention have the following general structure:



wherein:

n is 1-3;

R is selected from the group consisting of methyl and ethyl;

R_f is selected from the group consisting of perfluorinated alkyls having 1-20 carbons, or an oxaperfluorinated polyether having from about 4-20 carbons;

R¹ is a divalent hydrocarbyl radical;

X is 2-200;

Y is 10-150; and

Z is 2-50. --;

line 25, please delete "Isonol 93," and insert ~~Isonol~~ Isonol[®] 93, a polyether polyol which is commercially available from DOW Chemical Co., --

Page 57, line 1, after "polymeric MDI" please delete " (Isonates)," and insert~~---~~, which are available from Dow Chemical Co. under the trademark ISONATE, a line of low-functionality isocyanates, --;

lines 2-3, after "polymeric HDI" please delete " (N-100 and N-3200)," and insert~~---~~, which are available from Mobay Corporation, a Bayer Company, under the trademarks DESMODUR N-100, a solvent-free, aliphatic polyisocyanate resin based on hexamethylene diisocyanate, and DESMODUR N-3200, an aliphatic polyisocyanate resin based on hexamethylene diisocyanate, --.

Page 58, line 24, please delete "more hydrophobic" and insert -- more nonwetable --.